Punch-packing SFF PC with HDMI for AMD AM2 processors

Glamor xpc Barebone

SN68PTG5

Endowed with a NVIDIA GeForce 7050PV / nForce 630a chipset, this SFF PC in the pure looks of the G5 design supports AMD AM2 multiple core processors. It can also accommodate up to 4 GB of DDR2-800 RAM in dual channel mode. A Windows Vista compatible NVIDIA GeForce 7050PV graphics processor delivers rapid onboard graphics, and there's an HDMI port (DVI via an adapter) and a VGA output for the utilisation of dual monitors. The integrated Ethernet interface delivers high-speed Gigabit networking. Two eSATA ports for additional external drives complete the package.

Feature Highlight

G5 chassis	• Aluminum chassis (black) • Bays: 1x 5.25“, 2x 3.5“
Chipset	• NVIDIA chipset: GeForce 7050PV, nForce 630a • Integrated DirectX9 graphics 256MB shared memory HDMI and VGA Video output
CPU	• Socket AM2 • Supports AMD Sempron, Athlon 64 and Athlon 64 X2 processors • Supports 1 GHz HyperTransport • Shuttle I.C.E. Heatpipe-cooling
Slots	• 1x PCI-Express (x16) • 1x PCI (32 Bit)
Memory	• Supports 2x DDR2-533/667/800 • Supports up to a total size of 4 GB
Drive connectors	• 2x SATA 2.0 (internal), RAID • 2x External Serial-ATA (eSATA, ext.) • 1x IDE ATA 133, 1x floppy
Other connectors	• 8-channel HD audio • 2x Firewire • USB 2.0 (2x front, 4x rear, 4x onb.) • GigaBit LAN
Power supply	• Efficient 250 Watt mini power supply
Application	• Home

Prduct ID: SN68PTG5
UPC (see bar code)

8 11686 00241 3

Images for illustration purposes only.

©2006 by Shuttle Computer Handels GmbH (Germany). All information subject to change without notice. Pictures for illustration purposes only.

Shuttle Computer Handels GmbH
Fritz-Strassmann-Str. 5
25337 Elmshorn | Germany

Tel. +49 (0) 4121-47 68 60
Fax +49 (0) 4121-47 69 00
sales@shuttle.eu

Shuttle XPC Barebone SN68PTG5 – Special Product Features

The Shuttle XPC Glamor series is the keyword in artistic design from Shuttle.

There are different chassis designs to choose from. No matter whether it's for use in the home or the office, for high adrenaline or laid back users, there is a Shuttle XPC in the Glamor series to suit every taste. The front panel and cover of the G5 chassis is completely made of aluminum. This leads to a stylish appearance and makes it to a popular design for many users.

Supports Windows Vista Premium

Breathtaking Windows Aero™ 3D visual interface and a host of groundbreaking new features, Windows® Vista™ Premium promises to deliver a streamlined computing experience designed to fundamentally change how users view, find and organize their digital information.

Dual View Technology with HDMI and VGA

Dual View technology offers multiple display support on up to two separate monitors. This improves the capabilities and productivity of the user by allowing them to spread multiple windows over two monitors and view them simultaneously. The integrated Intel graphics processor delivers best-in-class 3D performance and leading graphics compatibility to play top games the way they are meant to be played.

Finest cinematic surround sound experience

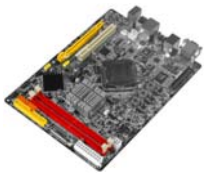
What would a home theater be without booming, immersive 7.1 channel surround sound? Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS® Connect functionality.

Overclocker-Features *)

The user can easily overclock the system through the bios by modifying clock frequency and votage settings of CPU, chipset, memory and PCI-Express.

New Era of All-Solid Capacitor Shuttle Mainboards

By using all-solid capacitors Shuttle mainboards provide industry leading stability, reliability and longevity for PC gaming and entertainment systems. The average lifespan for a solid capacitor is more than six times greater than the more common and less expensive electrolytic capacitors.



Color slots design

Easily recognize color codes provides an easier way to install the devices such as Power switch, USB, PCI-E, PCI, DDR2.

***) Overclocking Warning:**
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. Shuttle is not responsible for possible damage caused by overclocking.

©2006 by Shuttle Computer Handels GmbH (Germany). All information subject to change without notice. Pictures for illustration purposes only.

Shuttle Computer Handels GmbH
Fritz-Strassmann-Str. 5
25337 Elmshorn | Germany

Tel. +49 (0) 4121-47 68 60
Fax +49 (0) 4121-47 69 00
sales@shuttle.eu

Shuttle XPC Barebone SN68PTG5 Specifications

Chassis	G5-type aluminum chassis, black color Hidden front panel connectors and drive bays. storage bays: 1 x 5.25", 2 x 3.5" (1 internal) dimensions: 31 x 20 x 18.5 cm (LWH), weight: 3.3 kg net / 4.6 kg gross
Mainboard	Shuttle FN68PT, Shuttle form factor, proprietary mainboard design for Shuttle XPC Barebone SN68PTG6 Chipset: NVIDIA GeForce 7050PV and nForce 630a (Codename: MCP 68PVNT) Solid Capacitors for excellent heat resistance for enhanced system durability Color slots/connectors design (Power switch, USB, PCIe, PCI) Dimensions: 25.4 x 18.5 cm
Power Supply	SilentX 250 Watt mini power supply unit Input voltage range: 100~240V Connectors: 20-pin ATX, 4-pin ATX12V Dimensions: 190 (L) x 82 (W) x 43 (H) mm EMI certified: FCC, CE, CCC Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction)
Processor Support	Supports AMD Processors with AM2 socket: AMD Sempron, AMD Athlon 64, and AMD Athlon 64 X2 processors 1 GHz HyperTransport v1.0 Technology x16 Up/Down Please refer the support list for detailed processor support information.
*Overclocking *)*	User friendly overclocking features: Clock frequency: CPU, Memory, PCI-Express Voltage: CPU, Memory, PCI-Express, Chipset
Processor Cooling	Shuttle I.C.E. (Integrated Cooling Engine) advanced I.C.E. Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow
Memory Support	2 x 240 pin slots, supports Dual Channel supports DDR2-533/667/800 SDRAM unbuffered memory (up to DDR2-1066 in overclocking mode*) up to a total size of 4 GB, max. 2 GB per DIMM
Expansion Slots	1x PCI-Express (16X) supports 8 GB/s data transfer 1 x PCI (32 bit)

©2006 by Shuttle Computer Handels GmbH (Germany). All information subject to change without notice. Pictures for illustration purposes only.

Shuttle Computer Handels GmbH
Fritz-Strassmann-Str. 5
25337 Elmshorn | Germany
Tel. +49 (0) 4121-47 68 60
Fax +49 (0) 4121-47 69 00
sales@shuttle.eu

Integrated Graphics	Integrated graphics engine NVIDIA GeForce 7050PV Supports NVIDIA Pure Video technology Supports dual monitor operation via HDMI/DVI and VGA output Supports shader model 3.0 vertex/pixel processor NVIDIA CineFX 3.0 architecture NVIDIA Itellisample AA technology DirectX 9 support Shared/Dynamic graphics memory: max. 256MB
8-channel Audio with DD/DTS	7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output
Gigabit-LAN Controller	Marvell 88E1116 Ethernet network controller (Gigabit PNY) PCI-Express x1 interface Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
Firewire-Controller	Firewire controller VIA VT6308P IEEE1394 OHCI V1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	2x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth, supports NCQ 2x external Serial ATA (eSATA) Supports RAID operating modes: 0, 1, 0+1, 5, JBOD 1 x IDE UltraDMA 133 drives 1 x floppy disk drive
Front panel connectors	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)
Back panel connectors	HDMI (DVI adapter included) Sub-D VGA 4x USB 2.0 2x External Serial ATA (eSATA) GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Optical S/PDIF output (optional input) Audio Line-in CMOS button optional parallel port (PC8)

©2006 by Shuttle Computer Handels GmbH (Germany). All information subject to change without notice. Pictures for illustration purposes only.

Shuttle Computer Handels GmbH
Fritz-Strassmann-Str. 5
25337 Elmshorn | Germany

Tel. +49 (0) 4121-47 68 60
Fax +49 (0) 4121-47 69 00
sales@shuttle.eu

Other connectors	2x fan connectors (4 pin) 4x USB 2.0 (two 1x5 pins and one 2x5 pins) Header for optional PS10 adapter (this adapter can be installed in the printer port perforation in the back panel and provides PS/2 keyboard and mouse ports)
Accessories	Multi-language XPC installation guide Driver CDROM for Windows XP/Vista (32/64 bit) Bonus CD (PC-cillin 2007, Adobe Reader) HDMI to DVI converter Cable for FDD (1x), SATA (1x), PATA (1x) Power cord, Screws, Heatsink Compound

***) Overclocking Warning**
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. Shuttle is not responsible for possible damage caused by overclocking.

©2006 by Shuttle Computer Handels GmbH (Germany). All information subject to change without notice. Pictures for illustration puposes only.

Shuttle Computer Handels GmbH
Fritz-Strassmann-Str. 5
25337 Elmshorn | Germany
Tel. +49 (0) 4121-47 68 60
Fax +49 (0) 4121-47 69 00
sales@shuttle.eu